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April 30, 2019

VIA ELECTRONIC FILING

The Honorable Jocelyn G. Boyd
Chief Clerk/Administrator
Public Service Commission of South Carolina
101 Executive Center Drive, Suite 100
Columbia, South Carolina 29210

**Re: Petition of Duke Energy Carolinas, LLC and Duke Energy Progress, LLC for Approval of CPRE Queue Number Proposal, Limited Waiver of Generator Interconnection Procedures, and Request for Expedited Review – First Quarter 2019 Generator Interconnection Report
Docket Number 2018-202-E**

Dear Ms. Boyd:

Pursuant to Order No. 2018-803(A) issued in the above-referenced docket, please find attached for filing the first quarter 2019 Generator Interconnection Report of Duke Energy Carolinas, LLC and Duke Energy Progress, LLC.

Should you have any questions regarding this matter, please do not hesitate to contact me at 803.988.7130.

Sincerely,

Rebecca J. Dulin

Enclosure

C: Parties of Record (via email)

**Duke Energy Carolinas, LLC and Duke Energy Progress, LLC
Generator Interconnection Report Pursuant to Order No. 2018-803(A)
Docket No. 2018-202-E
April 30, 2019**

I. Status of the Companies' Queues

Figures 1 through 4 below illustrate a summary of the status as of March 31, 2019 of all Interconnection Requests ("IRs") 20kW and greater that are in operation or currently active in the Companies' South Carolina state-jurisdictional interconnection queues, at both the transmission and distribution level for each utility.

Figure 1

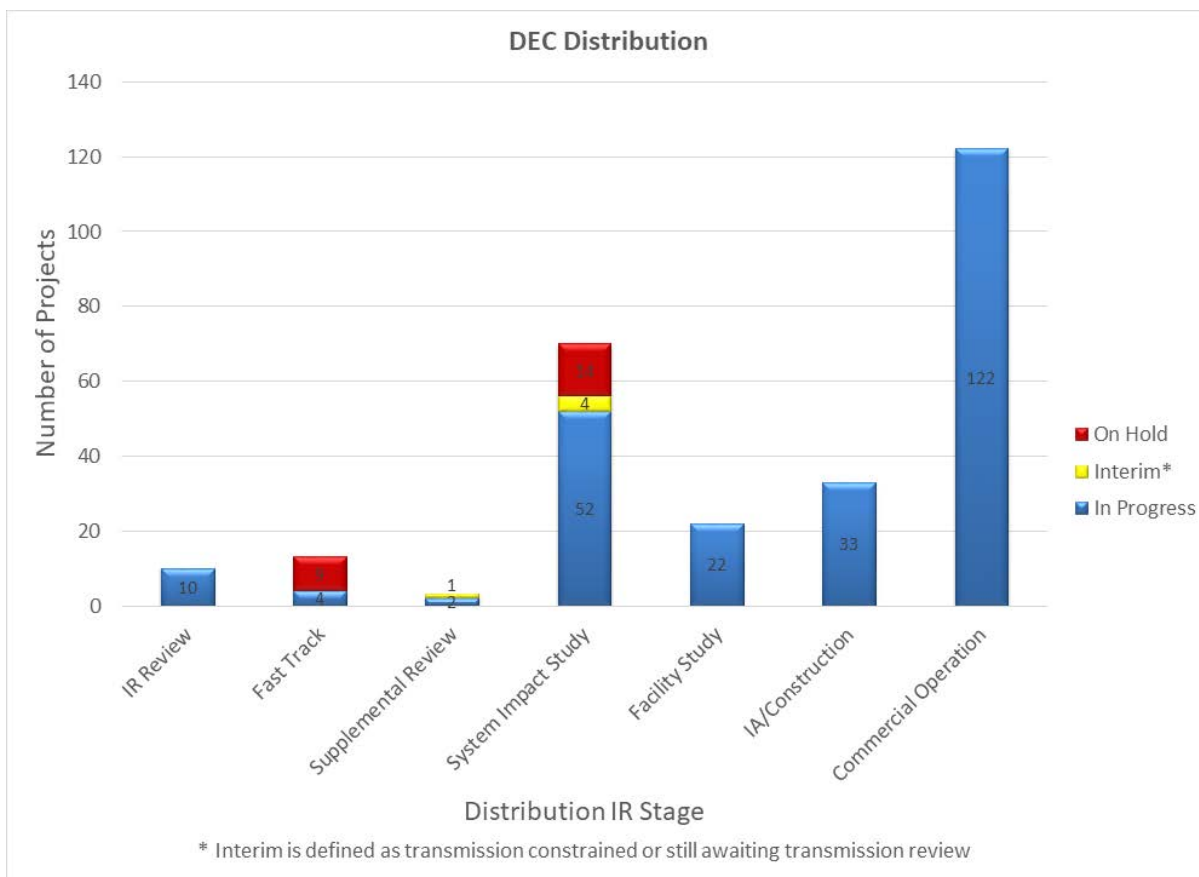


Figure 2

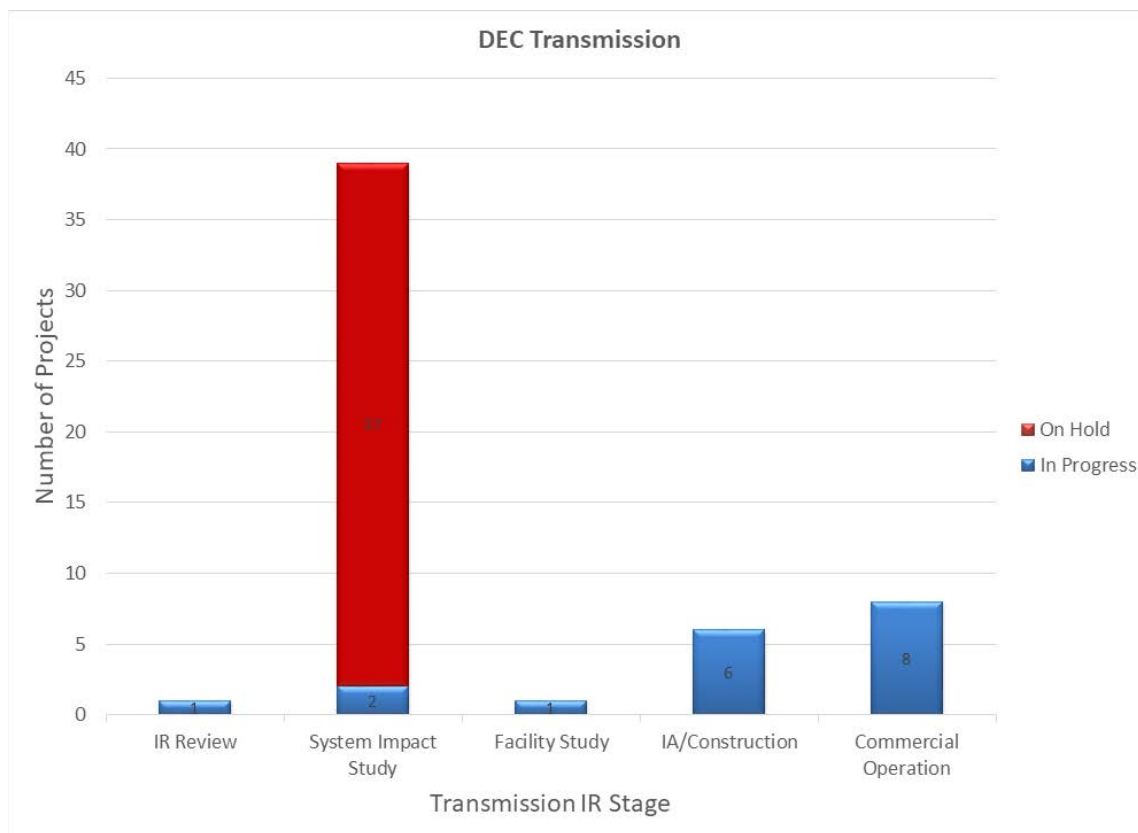


Figure 3

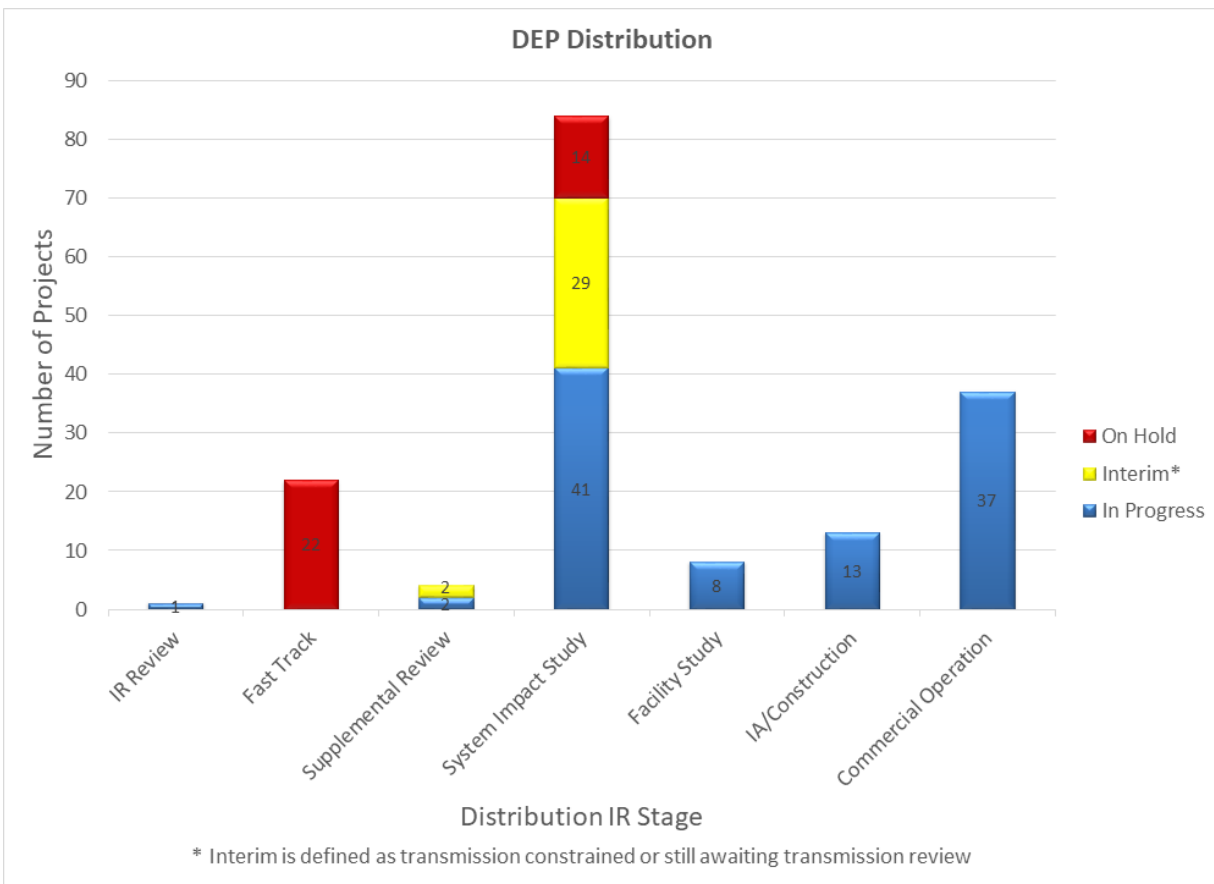
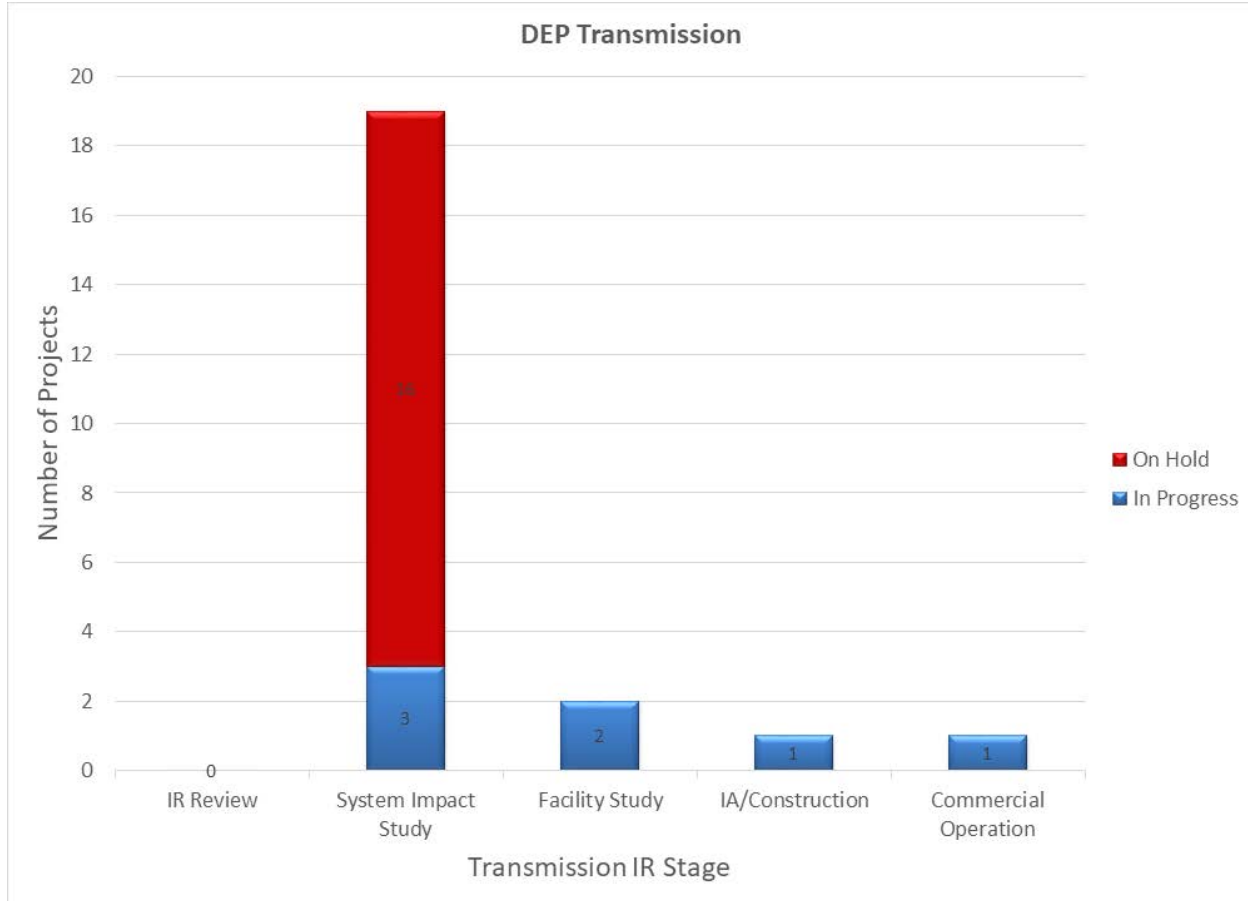


Figure 4

IR Review: This term means an IR has been submitted by the customer and is in the process of being reviewed for completeness.

Fast Track: This term means that the IR is eligible for the Fast Track study process (SCGIP Section 2) and the utility is performing the Fast Track screens. (Note: Figures 2 and 4 do not measure Fast Track because projects greater than 2MW are not eligible for consideration for Fast Track)

Supplemental Review: This term means that the IR failed the Fast Track screens review and the utility is performing a Supplemental Review (SCGIP Section 3).

System Impact Study: This term means the utility is performing a System Impact Study (SCGIP Section 4).

Facility Study: This term means the utility has completed the System Impact Study and is performing a Facility Study (SCGIP Section 4).

IA/Construction: This term means the IR has completed all study phases.

Commercial Operation: This term means the project has completed construction and is operational.

II. Reasons for the SC Interconnection Queue Challenges

The reasons for the Companies' SC interconnection queue challenges remain the same as those described in the Jan. 11, 2019 report.

III. The Companies' Plans to Remedy the Queue Challenges

The Companies' plans to remedy their queue challenges remain the same as reported in the Jan. 11, 2019 report. With regard to the technology investments, the Companies additionally report that Phase I of the Customer Portal was rolled out in March 2019 and is now available to SC Interconnection Customers. Additionally, with regard to the queue reform efforts, a Queue Reform Stakeholder Kick-off Meeting was held on March 28, 2019 to review the process and timeline for moving forward collaboratively to improve the efficiency of the interconnection process. The Queue Reform Stakeholder efforts are being facilitated by Navigant Consulting. Also, the Technical Standards Review Group convened on January 23, 2019.

IV. Indicate Which Projects Have Been Bid into CPRE (including which projects were selected as CPRE winners and which projects bid into CPRE but were not selected)

RESPONSE: The Independent Administrator has not publicly announced the winning bidders for Tranche 1 of CPRE.

V. Identify the Intervals for Every Significant Milestone for Every Queued Ahead Non-CPRE Project (if requested by the Office of Regulatory Staff)

RESPONSE: While CPRE projects have been selected for Tranche 1, the identify of these projects has not yet been disclosed by the independent administrator. Similar to the January 11, 2019 report, in light of the request received from the Office of Regulatory Staff, the Companies have provided below statistics on the significant

milestones for all projects greater than 20kW in the Companies' interconnection queues:

- a. Intervals between receipt of the Interconnection Request and execution of Interconnection Agreement.

<u>OVERALL</u>	<u>Distribution</u>	<u>Transmission</u>
Min: 64	Min: 64	Min: 64
Max: 1082	Max: 1082	Max: 633
Avg: 364	Avg: 362	Avg: 397
# Projects included: 182	# Projects included: 174	# Projects included: 8

- b. Intervals for receipt of System Impact Studies Agreements and System Impact Studies completed. Note: Duke Energy's DataMart system does not capture date of receipt of the executed System Impact Study Agreement. Instead, the Companies have provided SIS Start to SIS End interval.

<u>OVERALL</u>	<u>Distribution</u>	<u>Transmission</u>
Min: 21	Min: 34	Min: 21
Max: 1334	Max: 1334	Max: 21
Avg: 415	Avg: 422	Avg: 21
# Projects included: 117	# Projects included: 115	# Projects included: 2

- c. Intervals for receipt of Facilities Studies Agreements and Facilities Studies completed. Note: Duke Energy's DataMart does not capture date of receipt of the executed Facilities Study Agreement. Instead, the Companies have provided Facilities Study Start to Facilities Study End interval.

<u>OVERALL</u>	<u>Distribution</u>	<u>Transmission</u>
Min: 1	Min: 1	Min: no data
Max: 204	Max: 204	Max: no data
Avg: 75	Avg: 75	Avg: no data
# Projects included: 26	# Projects included: 26	# Projects included: 0

- d. Intervals between studies completed and the Interconnection Agreement received.
Note: The Companies have interpreted this request to intend the interval from Facility Study Complete to when the IA was delivered to the customer.

<u>OVERALL</u>	<u>Distribution</u>	<u>Transmission</u>
<u>Min: 0</u>	<u>Min: 0</u>	<u>Min: no data</u>
<u>Max: 89</u>	<u>Max: 89</u>	<u>Max: no data</u>
<u>Avg: 12</u>	<u>Avg: 12</u>	<u>Avg: no data</u>
<u># Projects included: 26</u>	<u># Projects included: 26</u>	<u># Projects included: 0</u>

VI. Provide Aggregate Statistics on CPRE and Non-CPRE Projects, including:

- a. The actual allocation of FTEs and person-hours devoted to the processing of CPRE and non-CPRE projects (for the transmission and distribution queues), including on a per-project and per-megawatt basis;
- b. Information on Interconnection Study Intervals for System Impact Studies and Facilities Studies for CPRE versus non-CPRE projects;
- c. Information on Interconnection Study Backlogs for CPRE versus non-CPRE projects; and
- d. The number of CPRE versus non-CPRE projects that achieved each significant interconnection milestone (i.e. system impact study complete, facilities study complete, IA signed, interconnection achieved) during the reporting period.

RESPONSE: The identity of CPRE projects has not been disclosed by the independent administrator. The Companies will report on these statistics in future reports, when applicable.